

ABSTRACT

A lockable safety mechanism for use in semi-automatic handguns, with or without a hammer assembly, that is moveable between a safe and locked position and a fire position. This mechanism is shown installed in a semi-automatic handgun, the Lorcin L 380, without a hammer assembly. The lockable safety mechanism includes a cylindrical body with a rotatable core mounted within the trigger housing assembly, and can be engaged and disengaged using a key inserted into a key way in the exposed end of the cylindrical body. In the engaged position, a portion of the locks core blocks the manual safety switch from moving to the fire position. This action also locks the slide and trigger assembly in place, neither can be moved even if a round has already been chambered and the firing pin mechanism has been moved to the cocked position. The rotation of the locks core within the cylindrical body is prevented by an active locking mechanism which without the key the semi-automatic handgun has no manual safety switch.

